Case No. GCSD-1503 (51356)

MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
P. O. BOX 1450
ALEXANDRIA, VA 22313-1450

Transmitted herewith for filing is the patent application of:

Inventor: James J. ZIARNO

For: **WIRELESS ENGINE MONITORING SYSTEM**

Enclosed are:

[X]   Patent Application: _29_ pages, _54_ claims.
[X]   _7_ sheets of drawings.
[X]   The suggested drawing figure to be published is FIG. _2_.
[X]   A Declaration and Power of Attorney.
[X]   An Assignment of the invention to *Harris Corporation*.
[X]   Citation Under 37 CFR 1.97 and PTO-1449.
[X]   Assignee info:
          Name: Harris Corporation
          Address: 1025 West NASA Blvd.
                       Melbourne, Florida 32919
      Corporation of the State of Delaware
[X]   Applicant claims priority benefit to the following U.S. application(s):
          Application No.: **60/489,368**
          Filing Date: **July 23, 2003**

The filing fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	SMALL ENTITY		LARGE ENTITY	
FOR:	# FILED		# EXTRA	RATE	FEE	RATE	FEE
BASIC FEE					$ 375	.	$ 770
TOTAL CLAIMS	54	-20	34	X 9	$	X 18	$ 612
INDEP CLAIMS	6	- 3	3	X 42	$	X 86	$ 258
* If the difference in Col. 1 is less than "0", enter "0" in Col. 2.				TOTAL	$ ***	TOTAL	$1,640

[X]   The Commissioner is authorized to charge the filing fee of $ **1,640.00** and the assignment recordal fee of **$40.00** to Harris Corporation Deposit Account No. **08-0870**.

[X]   The Commissioner is authorized to charge or credit any discrepancies in fee amounts to Harris Corporation Deposit Account No. **08-0870**.

[X]   **PLEASE ADDRESS ALL CORRESPONDENCE TO ATTORNEY OF RECORD:**
          CHRISTOPHER F. REGAN

[X]   Please associate this application with Customer No. 27975.

27975

PATENT TRADEMARK OFFICE

February 9, 2004
Date

RICHARD K. WARTHER
Reg. No. 32,180